

# Minutes of the 13<sup>th</sup> AONSA Executive Committee Meeting

# BATAN, Puspiptek, Serpong, Indonesia October 16, 2014

# **Contents**

Main Text of Minutes	5
Appendix 1 AONSA Annual Fee, Prize Fund and Budget Plan 2014	12
Appendix 2 AONSA Annual Fee, Prize Fund and Budget Plan for 2015	20
Appendix 3 Report on the AONSA Prize 2015	22
Appendix 4 Report on the AONSA Young Research Fellows	28
Appendix 5 Report from the organisers of the 6 <sup>th</sup> AONSA School in Indonesia	46
Appendix 6 Report from the organisers of the 7 <sup>th</sup> AONSA School in Japan	62
Appendix 7 Report from the organisers of the 2nd AOCNS in Australia	63
Appendix 8 Report on ICNS2017	69
Appendix 9 Report from the Public Relations Officer	74
Appendix 10 Report on the 8 <sup>th</sup> Facility Directors Meeting	94
Appendix 11 Report on Meeting with NSSA Executives	96
Appendix 12 Report the TWNSS international "Neutron Crystallography Short School"	97
Appendix 13 JSNS book on neutron scattering aimed at high school level	99
Appendix 14 Report from ANBUG	118
Appendix 15 Report from CNSS	119
Appendix 16 Report from JSNS	122
Appendix 17 Report from KNBUA	127
Appendix 18 Report from NSSI	136
Appendix 19 Report from TWNSS	142
Appendix 20 Report from Malaysian Community	147



(Group Photo of 13<sup>th</sup> EC Meeting)



# Minutes of the 13<sup>th</sup> AONSA Executive Committee Meeting

Date: 08:30-15:30, October 16 (Thursday), 2014

Place: GA Siwabessy Reactor Building No. 31, BATAN, Puspiptek, Serpong, Indonesia

Participants: 20

#### [Board Members]

Wen-Hsien Li (President, TWNSS; NCU) Sung-Min Choi (Vice-President, KNBUA; KAIST) Yasuhiko Fujii (Past President, JSNS; CROSS) Chris Ling (Secretary, ANBUG; U. Sydney) Dongfeng Chen (Treasurer, CNSS; CIAE)

Hideki Seto (Public Relations Officer, JSNS; KEK)

#### [Members]

Toshiji Kanaya (JSNS; Kyoto U) Jae-Ho Chung (KNBUA; Korea U)

Hsiung Chou (TWNSS; National Sun Yat-Sen U)

Hsi-Mei Lai (TWNSS; National Taiwan U)

#### [Observers]

Masatoshi Arai (J-PARC/JAEA)

Mitsuhiro Shibayama (JRR3)

Rob Robinson (ANSTO)

Chang-Hee Lee (HANARO/KAERI)

Yuntao Liu (CARR/CIAE)

Sutiarso (BATAN)

Abdul Aziz Mohamed (Malaysian Community/UNITEN)

#### [Special Observers]

John White (ANU) Edy Giri Rachman Putra (BATAN) Gunawan (BATAN)

# [Apologies]

Evan Gray (ANBUG, Griffith U)

Fangwei Wang (CSNS/IHEP)

Samrath Chaplot (NSSI, BARC)

R. Mukhopadhyay (NSSI, BARC)

Dhananjai Pandey (NSSI, Banaras Hindu U)

Hesheng Chen (CNSS; IHEP)

Wim Klooster (SC/Singapore)

#### 1. Opening remarks by AONSA President Wen-Hsien Li

AONSA President W-H Li opened the meeting by thanking our Indonesian colleagues, and especially Edy Giri Rachman Putra, for their great effort in organising this meeting and the AONSA Neutron School, the first session of which was devoted to the International Year of Crystallography.

The EC meeting was the occasion of the announcement that Prof John White has been awarded the 2015 AONSA Prize. All the attendees joined in congratulating Prof White, and President Li thanked the Selection Committee for their work. The announcement of three AONSA Young Research Fellows was also warmly welcomed, the recipients congratulated and the work of the Selection Committee acknowledged.

This was the last EC meeting that would be attended by Prof Masatoshi Arai, whose service to AONSA over a long period has been invaluable to the development of the Association. President Li presented him with a gift in recognition of this and to mark the occasion. A gift was also presented to our Past President, Prof Yasuhiko Fujii, in recognition of his outstanding leadership of AONSA over recent years.

#### 2. Approval of Agenda

The Agenda of the 13<sup>th</sup> AONSA EC meeting was approved by the EC.

### 3. Minutes of the 12<sup>th</sup> AONSA EC Meeting in Daejeon

The Minutes of the 12<sup>th</sup> AONSA EC meeting in Daejeon, Republic of Korea, which was circulated to the EC members and observers through email previously, were distributed to all the EC participants as hard copies at the meeting.

#### 4. Report from the AONSA Office

Ms Chikako Doda has replaced Ms Yukino Inoue as Secretary in the AONSA Office. Chris Ling visited the AONSA office on Feb. 24 and gave instructions to update the new AONSA website to both Ms Inoue and Ms Doda. Ms Inoue updated the site until the end of March and Ms Doda has been doing so since.

#### 5. Discussions and formal matters

#### 5.1. Formal matters

Chang-Hee Lee was introduced to the meeting as the new Observer representing HANARO/KAERI.

#### **5.2. Process matters**

The change of HANARO/KAERI Observer at the EC meeting from Kye Hong Lee to Chang-Hee Lee was approved.

D Chen proposed that Prof. Jian Gong, the deputy director of the Institute of Nuclear Physics and Chemistry, Mianyang, become an Observer of the AONSA EC and join the Facility Directors' meeting. This was approved by the EC.

#### **5.3. Financial matters**

The AONSA Annual Fee, Prize Fund and Budget Plan 2014 was presented by the AONSA Treasurer, D Chen (*Appendix 1*). This was approved by the EC.

The 2015 Budget Plan was also presented by D Chen and approved by the EC (*Appendix 2*).

**Action:** D Chen undertook to include commitments associated with the three AONSA Young Research Fellows (total of \$5000 p.a.) for the next EC meeting.

#### **5.4. AONSA Prize**

The Chair of the Selection Committee, S-M Choi, reported that the Committee had decided to award Prof John White the AONSA Prize 2015 (*Appendix 3*). This as approved by the EC.

#### **5.5. AONSA Young Research Fellows**

The Chair of the Selection Committee, S-M Choi, presented his report (*Appendix 4*) and nomination of the first three AYRFs in 2015:

Hosting Facility AONSA YRF 2015 Nominated

**ANSTO** (Kowari): **Dr. Jae-Suk Jeong** (Doosan Heavy Industry & Construction)

HANARO (SANS): Dr. Jacqueline Knobloch (Flinders University)

J-PARC (Sofia): Dr. Yi-Kang LAN (National Tsing Hua University)

Prof Choi thanked the Facility Directors for their support of the AYRF program, as well as the former and current AONSA leadership for its conception and creation.

The EC congratulated Prof Choi and the Committee for the quality of the applications received and for the excellent balance of nationalities and fields of research represented in the Fellows. J White thanked S-M Choi and the Committee for their hard work.

S-M Choi outlined the actions now required to bring these Fellowships to reality, and noted that the next call for applications would be made in March 2015 with a closing date at the end of June 2015.

#### 5.6. AONSA Neutron School

EG Rachman Putra presented the report (*Appendix 5*) of the organisers of the 6<sup>th</sup> AONSA Neutron School in 2014 in Indonesia. 55 Students attended the School (selected from 73 applicants).

M Shibayama reported that the 7th AONSA Neutron School would most likely be held in the first week of December 2015 (with the Welcome Reception on Monday 30 November) in Tokai, Japan (Appendix 6).

H Seto requested that previous organisers provide materials to assist with the planning process, and also with lecture notes so that they could be posted on the AONSA website.

#### **5.7.** Asia-Oceania Conference on Neutron Scattering (AOCNS-2015)

C Ling presented the report of the AOCNS-2015 Organising Committee (Appendix 7).

The scheduled for the next EC and FDM meetings, to be held at AOCNS-2015, were discussed. It was resolved to hold these sequentially on Sunday 19 July at the conference venue, in parallel with the Instrument Scientists Workshop.

#### 5.8. ICNS2017 in Korea

S-M Choi presented a report from the organisers of ICNS2017 in Korea (*Appendix 8*). Possible dates for this meeting are: July 2-7 2017; or July 9-14 2017. The latter is the closest match to the previous ICNS, 8-13 July 2013.

#### **5.9. AONSA Newsletters and Homepage**

H Seto presented the report of the Public Relations Officer (*Appendix 9*). The next Newsletter will be issued in December 2014 (deadline for contributions will be November 30).

#### **5.10.** Activities Related to SE Asia and Other Non-member Countries

A Mohamed reported that the Malaysian, Indonesian and Singapore neutron scattering communities have been discussing the possibility of a joint SE Asian society for approximately the last four years. This option is still open and being pursued.

Gunawan announced that the Indonesian neutron scattering community has now received the funding support required to establish a formal society, which it is hoped will be in a position to join AONSA as a full member in the near future. The EC congratulated our Indonesian colleagues and looked forward to welcoming them as full members.

#### 5.11. Neutron Facility Directors' Meeting

M Shibayama and M Arai presented the report (*Appendix 10*) of the FDM meeting held on October 15 2014.

#### 5.12. Possible collaboration with IAEA

S-M Choi reported that a new IAEA TC Program (2014-2015) has been launched this year. The IAEA TC program, which is supported by an extrabudgetary contribution from Korean government, consists of

- Support to development and review of RR Strategic Plans
- Support to RR regional cooperation and sustainability
- Support to industrial applications of neutron beams
- Support to Research Reactor safety

During the formulation of the TC program, Dr. Danas Ridikas of IAEA and Dr. In-Cheol Lim (VP of KAERI) collaborated to include financial supports for AONSA activities including annual AONSA Neutron School and visiting program. The great efforts of Dr. Ridikas and Dr. Lim are highly appreciated by AONSA. Now, the "Support to industrial applications of neutron beams" section of the TC program consists of

- Technical Meeting on Research Reactor User Networks: standardization of neutron imaging for industrial applications
- Support regional participation in annual AONSA neutron school (2014)
- Group Scientific Visits on good practices in implementation of industrial applications of neutron beams (2014) (3 SVs x 5 days) (<u>including 3 visiting fellows under AONSA</u> activities)

Participants from developing countries and lecturers for the 6<sup>th</sup> AONSA Neutron School (October 13-17, 2014, Indonesia) were supported by the TC program. The 7<sup>th</sup> AONSA Neutron School in Japan (2015) is expected to be supported in a similar way. The financial supports from IAEA are highly appreciated by all AONSA Executive Committee Members and Observers.

<u>Note</u>: During the formulation of the TC Program, S.M. Choi (VP of AONSA) made an inquiry to Dr. Ridikas about a possibility of supporting AONSA Visiting Fellows (now called AONSA Young Research Fellows) under the "Support to industrial applications of neutron beams" section. However, it was noticed that the AONSA Young Research Fellowship program did not fit to the scheme of IAEA TC program.

#### 5.13. Cooperation with NSSA and ENSA

S-M Choi attended ACNS2014, publicised AOCNS-2015 and met with the President (S Rosenkranz) and Vice-President (Julie Borchers) of NSSA (Appendix 11).

It was resolved to invite the Presidents/Chairs of NSSA and ENSA to AOCNS-2015 in the hope of continuing the series of "Three Presidents" meetings.

Action: C Ling to invite the Presidents/Chairs of NSSA and ENSA to AOCNS-2015.

#### **5.14.** Cooperation with AOFSRR

Y Fujii noted the presence of representatives of the Thai synchrotron SLRI (Somchai Tancharakorn and Sarawut Sujitjorn) at the FDM meeting the previous day. They are enthusiastic about collaborating with the neutron scattering community. They were particularly interested in the AYRF scheme and will propose a similar scheme to AOFSRR.

#### 5.15. Cooperation with Association of Asia-Pacific Physical Societies (AAPPS)

Y Fujii presented a report on the Feature Articles "An Overview of the Neutron Facilities and the Neutron Scattering Community in the Asia-Oceania Region" by AONSA colleagues, which appeared in the AAPPS Bulletin (Vol. 24, No. 2, April 2014). These can be found at:

http://aappsbulletin.org/myboard/read.php?id=229&Page=1&Board1=pastlssues

#### 5.16. 2014 International Year of Crystallography

EG Rachman Putra presented a report on AONSA Activity in Indonesia for IYCr. This included the first part of the AONSA Neutron School (*Appendix 5*), which was devoted to IYCr, as well as other activities.

H Chou presented a report (Appendix 12) on the TWNSS international "Neutron Crystallography Short School".

Y Fujii noted that JSNS is publishing a book on neutron scattering that will be aimed at the high school level: "Mr. N's Great Adventure in Neutron World" (*Appendix 13*).

### 6. Calendar of AONSA Activities

## Year 2014

Date	Events
2/4-2/8	Pre-Conference School on Neutron Scattering at BARC (Mumbai, India)
2/10-2/12	Conference on Neutron Scattering (CNS 2014) (Pune, India)
2/20	8 <sup>th</sup> AONSA Facility Directors' Meeting (Daejeon, Korea)
2/21	12 <sup>th</sup> AONSA EC Meeting (Daejeon, Korea)
4/1-4/2	SIEA2014 (Lucas Heights, Australia)
5/11-5/16	QENS/WINS 2014 (Autrans, France)
6/1-5	American Conference on Neutron Scattering (Knoxville, USA)
7/14-7/18	18 <sup>th</sup> AINSE-ANSTO Winter School
8/5-8/12	23 <sup>rd</sup> IUCr Congress and General Assembly (Montreal, Canada)
9/8-9/9	NSRRC SANS workshop (Hsinchu, Taiwan)
9/15-9/19	PNCMI2014 (Sydney, Australia)
9/24-9/26	NOBUGS2014 (Tsukuba, Japan)
9/29-10/3	International Collaboration on Advanced Neutron Sources (Mito, Japan)
10/15	9 <sup>th</sup> AONSA Facility Directors' Meeting (Serpong, Indonesia)
10/16	13 <sup>th</sup> AONSA EC Meeting (Serpong, Indonesia)
10/12	AONSA Special Session for IYCr2014 (Serpong, Indonesia)
10/12-17	6 <sup>th</sup> AONSA Neutron School (Serpong, Indonesia)
10/12-16	8 <sup>th</sup> International Workshop on Sample Environment at NS Facility (Oxford, UK)

# Year 2015

Date	Events
1/27-31	XVII BARC/NSSI pre-conference school on neutron scattering (Mumbai, India)
2/4-5	5th BARC/NSSI Conference on neutron scattering (Mumbai, India)
6/21-26	Gordon Research Conference on Neutron Scattering (Hong Kong, China)
7/13-7/31	HERCULES School (Taiwan)
7/18	9 <sup>th</sup> AONSA Facility Directors' Meeting (Manly, Australia)
7/19	14 <sup>th</sup> AONSA EC Meeting (Manly, Australia)
7/19	2 <sup>nd</sup> AONSA Instrument Scientist Workshop (Manly, Australia)
7/19-23	2 <sup>nd</sup> AOCNS (Manly, Australia)
8/30-9/4	6 <sup>th</sup> European Conference on Neutron Scattering (Zaragoza, Spain)
9/16-18	16 <sup>th</sup> International conference on Small-Angle Scattering
12/?	10 <sup>th</sup> AONSA Facility Directors' Meeting (Tokai, Japan)
12/?	15 <sup>th</sup> AONSA EC Meeting (Tokai, Japan)
12/1-4	7 <sup>th</sup> AONSA Neutron School (Tokai, Japan)

### 7. Venue for the 14<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> EC Meetings

The next (14<sup>th</sup>) EC Meeting will be held in conjunction with AOCNS-2015 in Manly (Sydney), Australia, to be organized by C Ling. The FDM and EC Meeting will be held sequentially on Sunday 19 July at the conference venue, in parallel with the Instrument Scientists Workshop.

The following (15<sup>th</sup>) EC meeting will be held in late November or early December 2015 in Japan, in conjunction with the 7<sup>th</sup> AONSA School.

#### 8. Reports from Neutron Associations

The following association reports were delivered to the EC.

- ANBUG (C Ling) (*Appendix 14*)
- CNSS (D Chen) (Appendix 15)
- JSNS (T Kanaya) (Appendix 16)
- KNUBA (J-H Chung) (*Appendix 17*)
- NSSI (C Ling on behalf of S Chaplot) (*Appendix 18*)
- TWNSS (H Chou) (*Appendix 19*)
- Indonesian Community (EG Rachman Putra) (*Appendix 5*)
- Malaysian Community (AA Mohamed) (*Appendix 20*)

#### **9. Reports from Neutron Facilities**

A summary of facility reports delivered at the Facility Directors Meeting was delivered by H Shibayama (Appendix 10).

#### 10. Closing Remark

AONSA President W-H Li made a closing remark, expressing his sincere thanks to all the Board and EC Members and Observers for their great efforts and contributions to the meeting, and particularly to EG Rachman Putra and his Indonesian colleagues for their great efforts to organise the meeting. President Li presented EG Rachman Putra with a gift to show his appreciation.